

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/02/01
Date Received: 07/27/01
Project: % of Acid, PO# M66541
Date Extracted: 08/02/01
Date Analyzed: 08/02/01

**RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLES
FOR SPECIFIC GRAVITY
@ 15.56 °C**

Sample ID

Laboratory ID

Specific Gravity

M66541 A Large
107124-01

1.28

M66541 B Small
107124-02

1.31

FRIEDMAN & BRUYA, INC.

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Date Analyzed: 08/02/01

**RESULTS FROM THE ANALYSIS OF THE AQUEOUS SAMPLES
FOR PERCENT ACID CONTENT**

<u>Sample ID</u> Laboratory ID	<u>% Acid</u>
M66541 A Large 107124-01	11
M66541 B Small 107124-02	12

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**RESULTS FROM THE ANALYSIS OF THE AQUEOUS SAMPLES
FOR TOTAL IRON
BY INDUCTIVELY COUPLED PLASMA (ICP)**
Results Reported as $\mu\text{g/g}$ (ppm)

<u>Sample ID</u> Laboratory ID	<u>Total Iron</u>
M66541 A Large 107124-01	64,000
M66541 B Small 106106-02	37,000
Method Blank	<10.0

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**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF AQUEOUS SAMPLES
FOR SPECIFIC GRAVITY
@ 15.56 °C**

Laboratory Code: 107124-01 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Specific Gravity	1.28	1.28	0	0.2

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Project: % of Acid, PO# M66541

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF THE AQUEOUS SAMPLE
FOR PERCENT ACID CONTENT**

Laboratory Code: 107124-01 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Percent Acid	11	11	0	0-20

107124

SAMPLE CHAIN OF CUSTODY

7/27/01 KAME BT₃

Send Report To

Company

Address

City, State, ZIP

Phone #

Fax #

SAMPLERS (signature)

PROJECT NAME/NO.

PO #

REMARKS

Page # _____ of _____

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	% of AOD	SA: FE			
m66541 A	01	12:30	7/22	HNO ₃	1							✓	✓			
Large																
m66541 TS	02	12:30	7/22	HNO ₃	1							✓	✓			
Small																


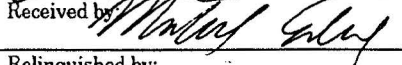
Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\CHECKIN\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	GERALD A. Thompson	Acw	7/22	1:00
Received by: 	Michael E. Erlich	PEB	7/27	2:30
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

August 2, 2001

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on July 27, 2001 from your % of Acid, PO# M66541 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kurt Johnson
Chemist

Enclosures
ACU0802R.DOC